

Chromatographic techniques in forensic chemical examinations

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Abstract

Some aspects of the use of chromatographic analytical techniques in the forensic chemical examination of materials, substances, and products were considered. The detection and subsequent expert examination of various materials (psychoactive drugs, explosives, gunshot residues, etc.) was exemplified. It was demonstrated that the effectiveness and validity of the evidential matter of expert examinations can be provided by developing a uniform system for comprehensive forensic chemical examinations of material and products; within the framework of this system, expert examinations should be performed with a required reliability and accuracy.

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